



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Evonik Cyro, LLC.
1796 Main Street
Sanford, ME 04073

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Acrylite® Resist 65/SG Clear and Blue Acrylic Sheets

APPROVAL DOCUMENT: Drawing No. **ORA65/5RK30**, titled "Acrylite Resist 65/SG", sheet 1 of 1, dated 06/24/2016, prepared by Wolters Engineering, signed and sealed by Scott Wolters, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page, evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



Signature
08/04/2016

NOA No: 15-0624.08
Expiration Date: August 11, 2021
Approval Date: August 11, 2016
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWING

1. Drawing No. **ORA65/5RK30**, titled "Acrylite Resist 65/SG", sheet 1 of 1, dated 06/24/2016, prepared by Wolters Engineering, signed and sealed by Scott Wolters, P.E.

B. TEST REPORTS

	<u>Report No.</u>	<u>Standard</u>	<u>Date</u>	<u>Signature</u>
1.	F4639.01-106-18	ASTM D635-06	02/01/16	Joseph A. Reed, P.E.
2.	F4639.01-106-18	ASTM D1929-96(2001)	02/01/16	Joseph A. Reed, P.E.
3.	F4639.01-106-18	ASTM D2843-99(2004)	02/01/16	Joseph A. Reed, P.E.
4.	D1811.02-106-18	ASTM D635-06	11/21/14	Gary T. Hartman, P.E.
5.	D1811.02-106-18	ASTM D1929-96(2001)	11/21/14	Gary T. Hartman, P.E.
6.	D1811.02-106-18	ASTM D2843-99(2004)	11/21/14	Gary T. Hartman, P.E.
7.	D1811.02-106-18	ASTM G155-04	11/21/14	Gary T. Hartman, P.E.
8.	D1811.02-106-18	ASTM D638-03	11/21/14	Gary T. Hartman, P.E.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

F. STATEMENTS

1. Statement letter of code conformance to the 5th edition (2014) FBC issued by Wolters Engineering, dated 05/28/2015, signed and sealed by Scott Wolters, P.E.
2. Statement letter of no financial interest issued by Wolters Engineering, dated 05/28/2015, signed and sealed by Scott Wolters, P.E.


08/04/2016

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 15-0624.08

Expiration Date: August 11, 2021
Approval Date: August 11, 2016

ACRYLITE RESIST 65/SG

ACRYLITE RESIST 65/SG, RANGING FROM 0RA65 (CLEAR) TO 5RK30 (BLUE), ARE ACRYLIC PLASTIC SHEETS MANUFACTURED BY EVONIK CYRO, LLC. THEY MEET ALL THE REQUIREMENTS OF THE 5TH EDITION (2014) FLORIDA BUILDING CODE AND MIAMI-DADE PLASTICS CHECKLIST #0445. THE ACRYLITE SHEETS ARE APPROVED FOR USE IN THICKNESSES RANGING FROM 0.118" (3 mm) TO 0.465" (11.8 mm), AND ARE AVAILABLE IN THE FOLLOWING COLORS:

LIGHT TRANSMITTANCE:

Clear	0RA65	92%
White	WRT30	32%
White	WRT31	55%
Red	3RK30	2%
Red	3RK31	3%
Red	3RK32	10%
Orange	2RK20	7%
Yellow	1RK30	23%
Green	6RK20	9%
Blue	5RK30	3%

MATERIAL PROPERTIES:

<u>Designation</u>	<u>Test</u>	<u>Test Results (CLEAR)</u>	<u>Test Results (BLUE)</u>
Self-Ignition Temperature	ASTM - D1929	824° F > 650° F	806° F > 650° F
Smoke Density Rating	ASTM - D2843	3.0 < 75	7.0 < 75
Burning Rate	ASTM - D635	1.67 in/min < 2.5 in/min (Class CC2)	1.46 in/min < 2.5 in/min (CLASS CC2)
Tensile Strength	ASTM - D638		
Before Weathering		8140 psi	8720 psi
After Weathering		8330 psi	8580 psi
Percent Difference		2.3%	1.6%

LIMITATIONS OF USE:

THIS IS A COMPONENT APPROVAL AND DOES NOT INCLUDE AN EVALUATION OF THE STRUCTURAL PERFORMANCE OF THIS COMPONENT. ANY SYSTEM INCORPORATING THIS COMPONENT MUST HAVE A SEPARATE NOA, IN COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE, WHICH SHOWS THE LIMITATIONS OF USE AND THE ALLOWABLE DESIGN LOADS FOR THE ENTIRE SYSTEM.

Approved as complying with the
Florida Building Code
Date 08/11/2016
NOA# 15-0624.08
Miami Dade Product Control

By [Signature]

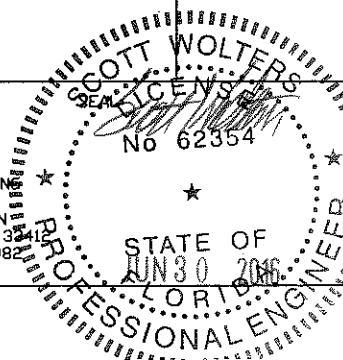


EVONIK CYRO, LLC.

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SCOTT WOLTERS
FL PE# 62354

WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX (561) 225-1982



DRAWING #
0RA65/5RK30
DATE: **6/24/16**
SHEET
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